Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of the claims in this application.

Listing of the Claims:

1. (Previously Presented) A CD28 peptide mimetic for blocking deleterious T cell mediated immune reaction,

said peptide mimetic being 20 to 25 amino acids in length,

said peptide mimetic comprising levorotary or dextrorotary amino acids,

wherein the peptide mimetic comprises the sequence set forth in SEQ. ID NO: 5 when the peptide mimetic comprises levorotary amino acids; and

wherein the peptide mimetic comprises the sequence set forth in SEQ ID NO: 6 when the peptide mimetic comprises dextrorotary amino acids.

2. (Canceled)

3. (Original) The peptide mimetic of claim 1 wherein the amino and carboxyl ends of the peptide are end blocked.

4. (Previously Presented) The peptide mimetic of claim 1, wherein the binding affinity of the peptide mimetic for the B7-1 protein is from 10 fold greater to 2 fold less than the binding affinity of CD 28 for the B7-1 protein.

5. (Previously Presented) The peptide mimetic of claim 1, wherein the binding affinity of the peptide mimetic for the B7-1 protein is less than the binding affinity of CTLA-4 for the B7-1 protein.

6. (Previously Presented) The peptide mimetic of claim 1, wherein the K_d of the mimetic with respect to B7-1 is from 2 to 3 micromoles.

7-9. (Canceled)

10. (Previously Presented) A CD28 peptide mimetic for blocking deleterious T cell mediated immune reaction, wherein said peptide mimetic is 20 or 21 amino acids in length and comprises levorotary or dextrorotary amino acids, and wherein the peptide mimetic comprises the sequence set forth in SEQ ID NO: 5 when the peptide mimetic comprises levorotary amino acids or the amino acid sequence set forth in SEQ ID NO: 6 when the peptide mimetic comprises dextrorotary amino acids.

11-12. (Canceled)

13. (Previously Presented) The peptide mimetic of claim 10, wherein said peptide mimetic is 20 amino acids in length, and wherein the sequence of said peptide mimetic is SEQ ID NO: 5 or SEQ ID NO: 6.

14-32. (Canceled)